

## CLAIMS

I claim:

1. A method of screening a material to determine its effect in altering the viscosity of the blood of a living being, comprising the step of introducing the material into the body of a living test subject, and utilizing an in-vivo viscosity measuring instrument to determine the likely effect of said material on the viscosity of the blood of a living being when said material is administered thereto.

2. The method of Claim 1 wherein said method comprises determining the material's efficacy in lowering the viscosity of the blood of the living being.

3. The method of Claim 1 wherein said living being to which said material is to be administered is a human being.

4. The method of Claim 1 wherein said living being is an animal.

5. The method of Claim 1 wherein said test subject is a human being.

6. The method of Claim 1 wherein said test subject is an animal.

7. The method of Claim 1 wherein the material is selected from the group consisting of pharmaceuticals, drugs, foods, and dietary supplements.

8. A method of screening a material to determine its effect in altering the deformability of red blood cells in the blood of a living being, comprising the step of introducing the material into the body of a living test subject, and utilizing an in-vivo measuring instrument to determine the likely effect of said material on the deformability of red blood cells of a being's blood when said material is administered thereto.

9. The method of Claim 8 wherein said living being to which said material is to be administered is a human being.

10. The method of Claim 8 wherein said living being is a laboratory animal.

11. The method of Claim 8 wherein said test subject is a human being.

12. The method of Claim 8 wherein said test subject is a laboratory animal.

13. The method of Claim 8 wherein said material is selected from the group consisting of pharmaceuticals, drugs, foods, and dietary supplements.

14. A method of screening a material to determine its effect in altering the thixotropic properties of the blood of a living being, comprising the step of introducing the material into the body of a living test subject, and utilizing an in-vivo measuring instrument to determine the likely effect of said material on the thixotropic properties of a living being's blood when said material is administered thereto.

15. The method of Claim 14 wherein said living being to which said material is to be administered is a human being.

16. The method of Claim 14 wherein said living being is a laboratory animal.

17. The method of Claim 14 wherein said test subject is a human being.

18. The method of Claim 14 wherein said test subject is a laboratory animal.

19. The method of Claim 14 wherein said material is selected from the group consisting of pharmaceuticals, drugs, foods, and dietary supplements.

20. A method of determine determining the effect of a condition, activity, and/or lifestyle on the viscosity of the blood of a living test subject, comprising the step of selecting a living test subject exhibiting said condition, activity, and/or lifestyle, and utilizing an in-vivo viscosity

measuring instrument to determine the likely effect of said condition, activity, and/or lifestyle on the viscosity of the blood of a living being.

21. The method of Claim 20 wherein said living being is a human being.

22. The method of Claim 20 wherein said living being is an animal.

23. The method of Claim 20 wherein said test subject is a human being.

24. The method of Claim 20 wherein said test subject is an animal.

~~25.~~ A method of determining the effect of a condition, activity, and/or lifestyle on the deformability of red blood cells in the blood of a living test subject, comprising the step of selecting a living test subject exhibiting said condition, activity, and/or lifestyle, and utilizing an in-vivo viscosity measuring instrument to determine the likely effect of said condition, activity, and/or lifestyle on the deformability of red blood cells in the blood of a living being.

26. The method of Claim 25 wherein said living being is a human being.

27. The method of Claim 25 wherein said living being is an animal.

28. The method of Claim 25 wherein said test subject is a human being.

29. The method of Claim 25 wherein said test subject is an animal.

~~30.~~ A method of determining the effect of a condition, activity, and/or lifestyle on the thixotropic properties of the blood of a living test subject, comprising the step of selecting a living test subject exhibiting said condition, activity, and/or lifestyle, and utilizing an in-vivo viscosity measuring instrument to determine the likely effect of said condition, activity, and/or lifestyle on the thixotropic properties of the blood of a living being.

31. The method of Claim 30 wherein said living being is a human being.

32. The method of Claim 30 wherein said living being is an animal.

33. The method of Claim 30 wherein said test subject is a human being.
34. The method of Claim 30 wherein said test subject is an animal.

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